

What is claimed is:

1. A method of evaluating user interface (UI) design, comprising:  
receiving an element ID signal generated by an ID signal  
5 generating element and read by an ID signal reading element, the ID  
signal generating element being embedded in each operation button  
arranged on a mock-up of the UI design, the ID signal reading element  
being attached to a finger of a tester, the element ID signal being  
generated when the ID signal reading element is brought close to or in  
10 contact with the ID signal generating element;  
converting the received element ID signal into a button ID code  
according to a table prepared in advance, the table indicating  
correspondence between element ID signals to be generated by the ID  
signal generating elements and button ID codes assigned to the operation  
15 buttons in which the ID signal generating elements are embedded;  
issuing an instruction corresponding to the converted button ID  
code, to execute an operation of UI software to be activated by the  
operation button having the converted button ID code;  
acquiring a screen image representative of a result of execution of  
20 the UI software operation; and  
projecting the acquired screen image onto a display part of the  
mock-up in a size equivalent to the size of the display part.
2. The method of claim 1, wherein:  
25 the ID signal generating element is a radio frequency ID (RFID)  
chip; and  
the ID signal reading element is an RFID reader-writer.
3. A system for evaluating user interface (UI) design, comprising:  
30 an ID signal generating element embedded in each operation  
button arranged on a mock-up of the UI design;  
an ID signal reading element having an attachment to be attached

to a finger of a tester, configured to read an element ID signal generated by the ID signal generating element when the attachment is brought close to or in contact with the ID signal generating element;

code conversion data configured to indicate correspondence

5 between element ID signals to be generated by the ID signal generating elements and button ID codes assigned to the operation buttons in which the ID signal generating elements are embedded;

a code converting unit configured to convert the element ID signal read by the ID signal reading element into a button ID code according to  
10 the code conversion data;

a UI software execution instructing unit configured to issue an instruction corresponding to the converted button ID code and execute an operation of UI software to be activated by the operation button having the converted button ID code;

15 a screen image acquisition unit configured to acquire a screen image representative of a result of execution of the UI software operation; and

an image projection unit configured to project the acquired screen image onto a display part of the mock-up in a size equivalent to the size of  
20 the display part.

4. The system of claim 3, wherein:

the ID signal generating element is a radio frequency ID (RFID) chip; and

25 the ID signal reading element is an RFID reader-writer.

5. The system of any one of claims 3 and 4, wherein:

the operation buttons each have an adhesive material so that the operation buttons are freely attached to and detached from the mock-up.

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